

## ABSTRACT OF THE DISCLOSURE

A mechanical drive system for an accessory gearbox of a gas turbine engine is provided. The engine has a high-pressure drive shaft and a low-pressure drive shaft. The mechanical drive system includes a first tower shaft, a second tower shaft, a first lay shaft, and a second lay shaft. The first tower shaft is driven by the high-pressure drive shaft. The second tower shaft is driven by the low-pressure drive shaft. The first lay shaft is driven by the first tower shaft, and is connected to the accessory gearbox. The second lay shaft is driven by the second tower shaft, and is connected to the accessory gearbox.